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L27: Entry 1 of 4

File: USPT

Dec 9, 2003

DOCUMENT-IDENTIFIER: US 6661910 B2

TITLE: Network for transporting and processing images in real time

Application Filing Date (1):19980414Detailed Description Text (11):

Third, the network manipulates the data portion of the image file. As will be explained in greater detail below, the entire image file need not be sent to all destinations in the network. Finally, the network uses inquiries as to the images. The inquiry is data representing the document number and will be correctly routed through the network until the document is found or permission to access the document is denied. Inquires are used by bank personnel or customers to view the image file of the document.

Detailed Description Text (53):

An on-us and transit file sorter system 76 sorts on-us and transit image files and physical documents. Both the on-us and transit image files are sent to a temporary storage unit 72 which stores the image files for a short period of time, for example, until the end of the day. At the end of that time period, the temporary storage transmits these files to a permanent storage 18. The transit image files are sent to a cash letter formation unit 84. The physical transit items are encoded by a power encode unit 78. The on-us physical items are imaged by the system 76 and their image files processed as described above. The sorter system 76 sends both inclearing items and image files to a proof-of-deposit processing system 82. Alternatively, MICR encode units may be located at remote units throughout the system.

Detailed Description Text (57):

A inquiry processor 80 accepts inquiries. The inquiry processor determines whether the image file requested is in temporary storage 72. When found, the inquiry processor 80 determines whether access permission has been granted. If permission has been granted, the image file is sent over the correct lines to the output. The inquiry processor also receives inquiries from the accounting system and routes them over the inquiry line to the appropriate outside destination.

Current US Cross Reference Classification (4):705/42